

What is claimed is:

1. A filter device for coffee or the like comprising;
an open frame in a short tubular shape;

a blind-end frame in a short tubular shape having a larger
5 diameter than said open frame, both said frames being formed
of sheet material having predetermined rigidity;

a body part in a tubular shape of truncated cone formed
of sheet material having predetermined rigidity and
flexibility which is deformable and has shape retaining ability,
said open frame and said blind-end frame being arranged above
and below, and integrally connected by way of said body part
thereby to compose a container body substantially in a shape
of truncated cone in its outer shape; and

a store room for enclosing substance to be extracted such
15 as ground coffee or the like which is continuously provided
in a bottom of said blind-end frame,

wherein while not in use, said open frame is adapted to
be folded and housed inside said blind-end frame together with
said body part by means of flexibility of said body part thereby
20 to contract said container body, and while in use, said body
part is expanded by pulling out said open frame from said
blind-end frame, whereby said container body is expanded and
restored to an original cup-like shape.

2. The filter device as claimed in claim 1, wherein said
25 container body is formed in a tapered shape having its diameter

gradually enlarged from said open frame toward said blind-end frame.

3. The filter device as claimed in claim 1, wherein a height of said open frame is equal to or smaller than a height of said blind-end frame above an upper face of a bottom of said blind-end frame which is adapted to house said open frame.

4. The filter device as claimed in any one of claims 1 to 3, wherein said body part has an upper end edge connected to a lower end of said open frame and a lower end edge connected to an upper end of said blind-end frame, said upper and lower end edges being respectively extended along inner peripheral faces of said open frame and said blind-end frame, and attached to said inner peripheral faces in a face to face contact to be integral therewith.

5. The filter device as claimed in any one of claims 1 to 3, wherein said body part has an upper end edge connected to a lower end of said open frame and a lower end edge connected to an upper end of said blind-end frame, said upper and lower end edges being respectively extended along outer peripheral faces of said open frame and said blind-end frame, and attached to said outer peripheral faces in a face to face contact to be integral therewith, whereby said body part covers whole outer peripheral faces of said open frame and said blind-end frame.

6. The filter device as claimed in any one of claims 1

to 3, wherein said blind-end frame includes a cup holding frame having predetermined rigidity which is formed at a circumferential edge of a bottom of said blind-end frame and extended downwardly from said bottom.

5 7. The filter device as claimed in claim 6, wherein said blind-end frame is provided with a reinforcing frame which is extended downwardly from said circumferential edge of said bottom and attached to an inner face of said cup holding frame thereby to form a deep engaging space below said bottom.

10 8. The filter device as claimed in any one of claims 1 to 3, wherein said blind-end frame is provided with a hole in a bottom, through which said store room is hung down, and a skirt extending downwardly along an open edge of said hole and surrounding an outer peripheral face of an upper part of said
15 store room in a face to face contact thereby to hold it water-tightly.

20 9. The filter device as claimed in any one of claims 1 to 3, wherein said open frame and said blind-end frame are formed of thick paper having predetermined rigidity, and said body part is formed of thin paper having predetermined rigidity and flexibility, which is deformable and has shape retaining ability.

25 10. The filter device as claimed in any one of claims 1 to 3, wherein said open frame and said blind-end frame are formed of non-woven fabric having predetermined rigidity, and

said body part is formed of non-woven fabric having predetermined rigidity and flexibility, which is deformable and has shape retaining ability.

10021847-121301